

## InterCom

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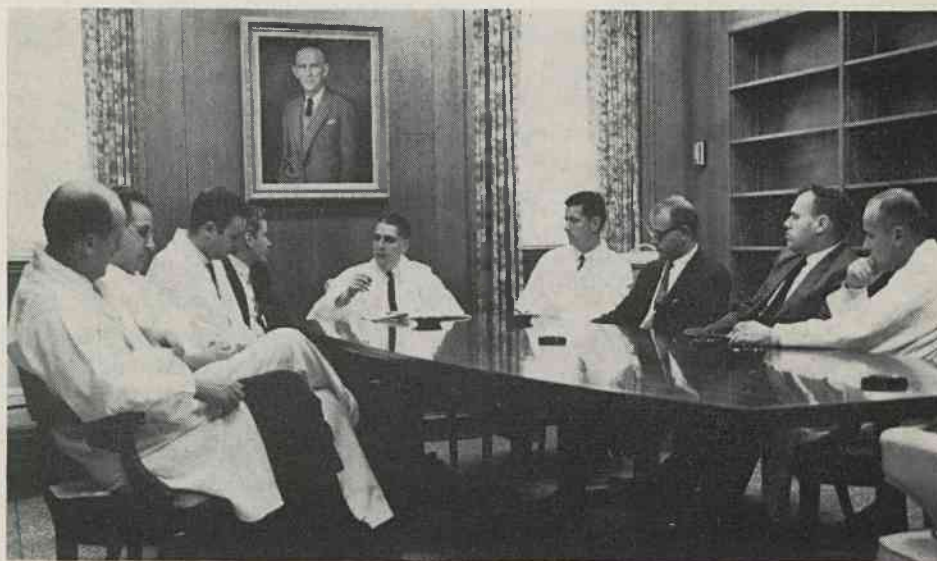
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DURHAM, N. C.

## Human Behavior in the Practice of Medicine

One of the newest members of the family of an increasing number of medical faculties in this country today is the Division of Human Behavior. Although for some years, schools of medicine—including Duke—had offered medical students a pre-clinical introduction to psychiatry, an important stimulus for the current interest in human behavior came some six or seven years ago from the National Institute of Mental Health. By that time it had become apparent that there is today available in the behavioral sciences a body of data and concepts sufficiently developed to have significance for the practicing physician and to provide useful principles for the medical researcher. Funds from the National Institute of Mental Health have made it possible for a number of medical schools to begin assembling faculties who could relate the behavioral sciences to the care and study of patients.

What are the behavioral sciences and where does one seek the faculty competent to teach in this area? Dr. Frederick R. Hine, Associate Professor of Psychiatry and present head of the Division of Human Behavior at Duke Medical Center, includes psychophysiology, psychology, social psychology and sociology, and anthropology as the areas of knowledge upon which medicine can draw in order to understand the behavioral aspects of human life. He adds that, in an area as new as the scientific study of human behavior, two additional points must be considered. First of all, since behavioral science often appears quite "unscientific" to the student of medicine, the presentation usefully



The faculty of the freshman program, Division of Human Behavior, Department of Psychiatry, Duke University School of Medicine, now numbers seventeen. Here meeting in conference are, left to right, Dr. Robert F. Klein, Associate in Medicine; Dr. Daniel T. Gianturco, Resident in Psychiatry; Dr. Peter L. Hein, Jr., Assistant Professor of Psychiatry; Dr. Charles M. Culver, Assistant Professor of Psychology; Dr. Frederick R. Hine, Associate Professor of Psychiatry and head of the Division of Human Behavior; Dr. Donald J. Stedman, Assistant Professor of Medical Psychology; Mr. Alfred Dean, Associate in Medical Sociology and Lecturer in Sociology; Dr. George L. Maddox, Jr., Professor of Medical Sociology and Professor of Sociology; and Dr. Robert C. Carson, Associate Professor of Medical Psychology and Assistant Professor of Psychology.

Other members of the freshman faculty are Dr. John C. Altrocchi, Associate Professor of Medical Psychology and Assistant Professor of Psychology; Dr. Jack J. Preiss, Associate Professor of Medical Sociology and Associate Professor of Sociology; Dr. Barry M. Shmavonian, Associate Professor of Medical Psychology and Lecturer in Psychology; Dr. Wilford W. Spradlin, Assistant Professor of Psychiatry; Dr. Adriaan Verwoerd, Assistant Professor of Psychiatry; Dr. James D. Mallory, Jr., Assistant Resident in Psychiatry; Dr. Albert H. Powell, Jr., Assistant Resident in Psychiatry; and Dr. Jack Botwinick, Associate Professor of Medical Psychology.

One useful by-product of a flourishing program in human behavior is the opportunity for interchange of knowledge among a widely ranging group of disciplines.

(Duke photo by Sparks)

includes some clarification of the bases of knowledge and the nature of scientific study—an area sometimes called

“philosophy of science.” A second and even more important point is that there is a vital need for the integra-